

MCP SERVER

NO CODE

CLOUD HOSTED

Caiyun AI Translate MCP for AI Agents

Managing multilingual content and localization workflows

Caiyun AI Translate provides high-precision, bulk machine translation capabilities. Connect this MCP to your AI agents for multilingual localization, allowing you to process large lists of strings and identify source languages across major Asian and Western language pairs (Chinese, English, Japanese, Korean). It's built for content analysts and developers handling global communications.

A+ Quality Score 100/100

translation

caiyun

nlp

localization

multilingual

batch-translation



The connectivity layer between AI and the world's software.



Vinkius sits between AI and every application. All communication passes through Vinkius Cloud via the Model Context Protocol (MCP) — with governance, observability, and security at every layer.

Your AI Connections Run Through Vinkius Cloud

The world's largest
managed MCP catalog

Vinkius is the connectivity layer where AI connects to the software your business already runs. We handle the hosting, the security, the credentials, the uptime — you get agents that actually do things.

We operate the world's largest managed MCP catalog. Major SaaS platforms, CRMs, databases, and cloud providers — running, monitored, production-ready. This MCP server is hosted and maintained by the Vinkius Cloud for AI Agents.

The agent doesn't manage credentials, doesn't manage uptime, doesn't manage security. Vinkius does.

— Architecture principle

Four Pillars of the Vinkius Runtime

01 — Security by design

Credentials stay encrypted at rest via AES-256. The AI agent never touches raw keys — they're injected into a sandboxed V8 isolate at runtime. Actions are logged, and connections have an emergency kill switch.

03 — Deterministic observability

Eight immutable metrics per endpoint: request volume, p95 latency, error rate, active connections, cost attribution. A live payload feed logs every tool call with mutation detection.

02 — Built on MCP Fusion

This MCP server was built with **MCP Fusion**, the open-source framework (Apache 2.0) that powers the entire Vinkius catalog. Schema-as-firewall strips undeclared fields, compiled PII redaction runs at zero overhead, and cryptographic lockfiles produce git-diffable audit trails.

04 — Autonomous operations

Servers are deployed, monitored, and patched autonomously. New capabilities and security patches ship weekly. Zero-downtime deployments ensure continuous availability across all managed MCP servers.

AES-256

Encryption at rest

Ed25519

PKI vault signatures

24h TTL

Ephemeral session keys

V8 Isolate

Sandboxed execution

One Token. Instant Access.

Every MCP server on Vinkius is accessed through a **Connection Token**. Tokens are generated in the cloud dashboard and produce a unique MCP endpoint URL. Paste this URL into any MCP-compatible client — no SDK required.

A single token can serve **multiple AI clients simultaneously**, or you can issue separate tokens per client for granular access control. Each token tracks its own request count, last activity timestamp, and can be individually enabled or revoked.

MCP ENDPOINT

`https://edge.vinkius.com/{token}/mcp`

Claude



Cursor



VS Code



Windsurf



Grok



Gemini

Security Is the Architecture

Security in Vinkius is not a feature — it's the foundation of the runtime. The gateway enforces multiple independent protection layers between AI agents and third-party APIs.

01 — Ed25519 PKI Vault

Every workspace has an Ed25519 Master Key. Session keys are generated ephemerally (24h TTL) and signed by the Master Key. Credentials never leave the vault boundary.

02 — V8 Isolate Sandboxing

Tool code runs inside isolated-vm V8 isolates with 64 MB memory caps and per-request timeouts. No filesystem access, no network access except through the SSRF-guarded fetch bridge.

03 — SSRF Guard

All outbound HTTP requests are DNS-resolved and validated before execution. Private IP ranges (10.x, 172.16-31.x, 192.168.x, AWS metadata 169.254.x) are blocked at the network layer.

05 — Cryptographic Audit Trail

Every request is signed into a SHA-256 hash chain with Ed25519 signatures. Events form a tamper-proof, SIEM-exportable forensic record.

04 — DLP & PII Redaction

A ResponseGuard pipeline intercepts every tool response. Configurable redaction patterns strip sensitive fields (emails, SSNs, card numbers) before data reaches the AI agent.

06 — Honeypot Trap System

Phantom credentials are injected into isolated environments. If a honeypot is used outside Vinkius infrastructure, the server is quarantined instantly.

Emergency Kill Switch

EU AI Act Art. 14(1)
Compliant

The kill switch is an **emergency halt** mechanism — not a simple toggle. When triggered, it executes three actions atomically:

01 — Server deactivated

The MCP server is immediately taken offline across the entire cluster.

02 — All tokens revoked

Every connection token is invalidated. Total lockout — reconnection blocked until new tokens are issued.

03 — WebSocket connections killed

Active connections terminated via Redis pubsub broadcast. Propagates to every runtime node in the cluster.

Full Visibility. Zero Guesswork.

The Vinkius cloud dashboard includes a full MCP Governance suite — real-time analytics and security controls for production AI operations.

Control Plane

KPI dashboard with request volume, latency, success rate, token consumption, and AI-generated operational briefings.

FinOps

Cost tracking per tool, payload compression savings, budget optimization signals, and consumption trends.

Firewall & DLP

PII redaction activity, sensitive data protection counters, and security event timeline.

Agent Activity

Which AI clients are connecting, how often, and what they're doing — real-time session tracking.

Tool Health

Slowest and most error-prone tools, with actionable root-cause insights and performance baselines.

Incident Log

Error trends, failure rates, status-code breakdowns, and forensic audit trail access.

Get started at cloud.vinkius.com — connect your AI agent in under 60 seconds.

Caiyun AI Translate / 彩云小译 MCP

10 tools available

Cloud-hosted on Vinkius

Stop copying text into separate translation websites. Caiyun AI Translate lets your agent handle complex multilingual tasks right where you work. You can feed the system an entire list of strings—like UI resource files or social media feeds—and get accurate, context-aware translations back in bulk. It's designed to act as a single linguistic coordinator for everything from technical localization to simple content analysis.

Your agent doesn't just translate; it provides confidence scores for every string, letting you know exactly how reliable the translation is. You can also use dedicated tools to detect languages automatically before translating, saving time and steps. Because this MCP is hosted on Vinkius, you connect once from your preferred AI client (Claude, Cursor, Windsurf, or any compatible agent) and get instant access to all these high-precision features without needing multiple API keys or workflows.

Core Capabilities

01 — Bulk Translation Processing

Translate entire lists of text blocks simultaneously while maintaining context across different language pairs.

03 — Multi-Language Conversion

Perform targeted translations, such as English to Chinese or Japanese to Chinese, using dedicated conversion tools.

02 — Source Language Identification

Automatically detect the source language of any given block of text so you know what needs translating.

04 — API Health Monitoring

Verify the connectivity and operational status of the translation service gateway before running large jobs.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/mcp/caiyun-ai-translate — connect your AI agent in three steps.

- 01 Subscribe to this MCP on Vinkius and input your Caiyun Interpreter Token.
- 02 Ask your AI client to perform a multilingual task, providing the source text and target languages.
- 03 The agent executes the necessary tool calls, returning the translated content along with confidence scores.

The bottom line is that you get reliable, structured translation data directly into your conversational workspace, eliminating manual copy-pasting.

Built For

This MCP solves the massive pain point of managing global content. It's for localization developers who deal with resource files daily, and content analysts handling large volumes of multi-lingual data from social media or news feeds.

Localization Developer

Uses the MCP to automate translating UI strings and resource files into multiple languages for application deployment.

Content Analyst

Feeds large, uncurated datasets of foreign-language news articles or social media posts into the agent for bulk translation and review.

Technical Writer / Translator

Integrates professional-grade machine translation directly into their daily workflow to speed up drafting and proofreading across languages.

What Changes When You Connect

- 01 Batch translations handle large volumes of data efficiently. Instead of translating strings one by one, you send entire lists to the agent using tools like `translate_multiple_lines`.

- 02 Confidence scoring adds a layer of reliability. For every translation, the MCP provides confidence scores so you know exactly where to double-check your work.
- 03 It covers major Asian and Western languages. You get dedicated paths for English, Japanese, Korean, and Chinese translations, making it highly versatile.
- 04 Automated language detection saves time on messy data. Use `detect_language_via_auto` first; the agent figures out what you're dealing with before translating anything.
- 05 The system maintains context. When running bulk jobs via `transLate_text`, the translations are treated as a cohesive set, improving accuracy over single-string requests.

Real-World Applications

Localizing an App's UI Strings

A developer needs to update all language strings for their mobile app. They ask the agent to translate a list of key phrases from English to Chinese using `translate_en_to_zh`, ensuring every string is processed correctly in one go.

Bridging Internal Team Communication

A global team needs quick summaries of reports from different regions. The manager uses the agent to translate random text excerpts into English using `translate_to_en`, keeping communication flowing without external tools.

Analyzing Foreign News Feeds

A content analyst receives 50 pages of news articles written in Japanese. They use the agent to translate multiple lines using `translate_ja_to_zh`, quickly compiling a digestible, multi-language report.

Verifying API Connections

Before a major content push, an engineer runs the `check_caiyun_status` tool. This confirms that the translation gateway is up and stable, preventing workflow failure mid-job.

Patterns to Avoid

Treating translations as single actions

✗ AVOID

The agent tries to translate a massive spreadsheet by calling `translate_text` for every cell individually. This is slow and misses context.

✓ INSTEAD

Instead, use the dedicated batch tool like `translate_multiple_lines`. Group your related strings into one request; it keeps the context and moves data much faster.

Ignoring language identification

✗ AVOID

The agent assumes all incoming text is English when they're actually mixing Chinese, Japanese, and Korean. The resulting translations are garbled.

✓ INSTEAD

Always start by running `detect_language_via_auto` on the input data. This gives you a clean list of source languages before attempting any conversion.

Relying on manual API calls

✗ AVOID

The user has to manually check if the translation service is even online, leading to stalled workflows and guesswork.

✓ INSTEAD

Use `check_caiyun_status` first. This simple upfront call confirms connectivity and gateway health, making sure your agent's work starts smoothly.

The Right Fit

You should use this MCP if you need to handle multilingual content in bulk across multiple languages (EN, ZH, JA, KO). Specifically, if your workflow involves processing lists of strings—whether they are app localization keys or large data dumps—this is the tool for you. Don't use it if your only goal is translating a single paragraph; while it can do that, its real power comes from batch tools like `translate_multiple_lines` and context-aware functions. If you just need simple text storage and retrieval without language processing, look at a document indexing MCP instead.

Caiyun AI Translate: Handling Large Volume Localization in Software Development

Manually localizing an application is brutal. You have to copy every string—'Save,' 'Settings,' 'Submit'—out of your build tool, paste them into a separate translation site, wait for the results, then painstakingly paste them back in the correct format. It's tedious, error-prone, and slows down releases.

With this MCP, you let your agent handle the whole process naturally. You provide the list to the agent, which uses tools like `translate_en_to_zh` or `translate_text`. The agent gives you the translated data structured and ready for immediate use in your code base.

Caiyun AI Translate: Managing Global Content Translation for Data Analysts

Before, if an analyst got a batch of foreign news clippings, they'd spend hours figuring out which language was in each clipping before even starting the translation process. They'd have to open multiple tools just for detection.

Now, the agent handles it all. You pass the data, and the MCP uses `detect_language_via_auto` first. It identifies the source, then performs the necessary conversion (like Japanese to Chinese using `translate_ja_to_zh`), giving you clean, categorized output immediately.

Caiyun AI Translate: 10 Tools for Multilingual Text Processing

Use these tools to detect language, translate specific pairs (like EN to ZH), or process entire lists of strings in a single workflow.

#	TOOL	DESCRIPTION
01	<code>check_caiyun_status</code>	Checks the current API connectivity status of the Caiyun service.
02	<code>detect_language_via_auto</code>	Identifies the source language when you provide a block of text.
03	<code>translate_en_to_zh</code>	Translates English text directly into Simplified Chinese.
04	<code>translate_ja_to_zh</code>	Translates Japanese text directly into Simplified Chinese.
05	<code>translate_ko_to_zh</code>	Translates Korean text directly into Simplified Chinese.
06	<code>translate_multiple_lines</code>	Handles the simultaneous translation of several separate text blocks in one request.
07	<code>translate_text</code>	Translates a list or batch of strings to a target language.
08	<code>translate_to_en</code>	Translates any provided text into English.
09	<code>translate_to_zh</code>	Translates any provided text into Simplified Chinese.
10	<code>translate_zh_to_en</code>	Translates Chinese text directly into English.

See It in Action

Real prompts you can use once this MCP is connected to your AI agent through Vinkius Cloud.

U I need to translate these ten product feature descriptions into Simplified Chinese. Here's the list:



Here is your bulk translation of the 10 features into Simplified Chinese:

FEATURE	ENGLISH TEXT	TRANSLATION (ZH)
Auth	User profile setup required.	用户资料需要设置。
Billing	Monthly subscription available.	提供月度订阅服务。
API	Use our new REST endpoint.	使用我们的新 REST 端点。

Do you need these translated into English or Japanese as well?

U Can you detect the language of this random paragraph and then translate it to English?



Sure thing. The text you provided is written in Korean (KO).

Source Language: Korean (KO)

Confidence Score: 98%

The translation into English is: 'This project requires a full-stack approach and dedicated resource allocation.'

Want me to check the service status before translating more?

- U** Translate this mix of Japanese, Chinese, and Korean phrases for an international marketing campaign.



Got it. I processed your mixed language batch using multi-translation:

1. **Japanese:** こんにちは (Hello) → English: Hello
2. **Chinese:** 早上好 (Good morning) → English: Good Morning
3. **Korean:** 감사합니다 (Thank you) → English: Thank You

I've compiled them into a table for easy use. Let me know if there are more strings.

Frequently Asked Questions

01 How do I translate huge lists of text strings using the Caiyun AI Translate MCP?

You process large volumes efficiently by sending all your strings in one request. The agent uses tools like `translate_multiple_lines` to handle the batch, maintaining context and speed across the whole list.

02 Can I use Caiyun AI Translate MCP for different language pairs?

Yes, it supports major combinations including English to Chinese, Japanese to Chinese, and Korean to Chinese. You can also translate many languages into English using dedicated conversion tools.

03 What if I don't know the original language of a text block?

No problem. The MCP includes an automatic detection tool that identifies the source language first. It gives you confidence scores so you always know what you're working with before translating.

04 Is Caiyun AI Translate MCP reliable for localization tasks?

The system provides confidence scores for every translation, which helps flag low-quality results immediately. This level of auditing ensures the translated data is reliable enough for professional use.

05 Does this MCP help with API reliability checks?

Yes, before running a large batch job, you can check the service status using `check_caiyun_status`. This confirms that the gateway is fully operational and ready for your workflow.

Go Live in 60 Seconds

Get your connection token from cloud.vinkius.com, then paste the endpoint URL into any MCP-compatible client.

YOUR MCP ENDPOINT

```
https://edge.vinkius.com/[TOKEN]/mcp
```

CLIENT

WHERE TO CONFIGURE



Claude AI

Profile → Customize → Connectors → "+" → Add custom connector → Paste endpoint



Cursor

Settings → Features → MCP Servers → "+ Add New MCP Server" → Type: SSE → Paste endpoint



VS Code

Ctrl/Cmd+Shift+P → "MCP: Add Server" → add `"caiyun-ai-translate": {
"url": "..." }`



Windsurf

MCP Settings → `mcp_settings.json` → Add endpoint URL



ChatGPT

Settings → Tools & plugins → Add MCP server → Paste endpoint



Gemini

Extensions → Add MCP Server → Paste endpoint URL

ASK AN AI
ABOUT THIS

Let your preferred AI
explain this MCP server



Ask ChatGPT



Ask Claude



Ask Perplexity



Ask Gemini



Ask Grok



READY TO CONNECT

Caiyun AI Translate / 彩云小译 is live on Vinkius Cloud.

Get your connection token, paste it into your AI agent, and
start building. No SDK. No deployment. Just results.

[Start at cloud.vinkius.com](https://cloud.vinkius.com) →

vinkius.com · support@vinkius.com

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